

APR 16 2003
PATENT & TRADEMARK OFFICE

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PTO/SB/21(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/051,912
Filing Date	January 17, 2002
First Named Inventor	Zhi-Yuan Shen
Group Art Unit	2817
Examiner Name	Benny T. Lee
Attorney Docket Number	CL1259 US CNT1

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form

<input type="checkbox"/> Fee Attached

<input type="checkbox"/> Amendment / Response
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request

<input type="checkbox"/> Express Abandonment Request

<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Response to Missing Parts/ Incomplete Application

<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)

<input type="checkbox"/> Drawing(s)

<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition

<input type="checkbox"/> Petition to Convert to a Provisional Application

<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Request for Refund

<input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group

<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences

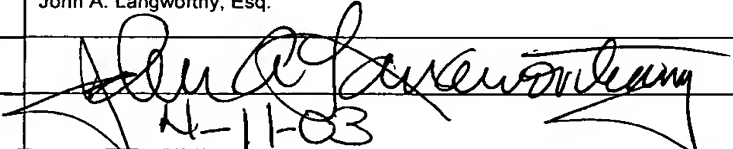
<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter

<input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

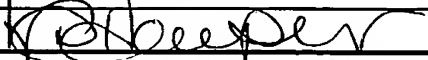
Firm or Individual name	John A. Langworthy, Esq.
Signature	
Date	4-11-03

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 4-11-03

Typed or printed name Valencia D. Harper

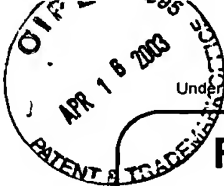
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Date

4-11-03

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PTO/SB/17 (11-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

RECEIVED
Complete if Known

Application Number 10/051,912
Filing Date January 17, 2002
First Named Inventor ECHENYUAN SHEN
Examiner Name Benny T. Lee
Group / Art Unit 2817
Attorney Docket No. CL1259 US CNT1

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

04-1928

Deposit
Account
Name

E. I. du Pont de Nemours and Company

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$0)

2. EXTRA CLAIM FEES

Total Claims -20 = 0 X 18 = 0
Independent Claims -3 = 0 X 84 = 0
Multiple Dependent ☐ X 280 = 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) John A. Langworthy, Esq. Registration No. Attorney/Agent 32,255 Telephone (302) 992-4362
Signature [Signature] Date 4-11-03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

APR 18 2003

TECHNOLOGY CENTER 2800

In the Application of:
SHEN ET AL.

CASE NO.: CL1259 US CNT1

APPLICATION NO.: 10/051,912

CONFIRMATION NO.:

GROUP ART UNIT: 2817

EXAMINER: LEE, B.

FILED: JANUARY 17, 2002

FOR: HIGH TEMPERATURE SUPERCONDUCTOR MINI-FILTERS AND MINI-MULTIPLEXERS WITH SELF-RESONANT SPIRAL RESONATORS

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A . A copy of the information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

JOHN A. LANGWORTHY

Attorney for Applicant(s)

Registration No. 32,255

Telephone: (302) 992-4362

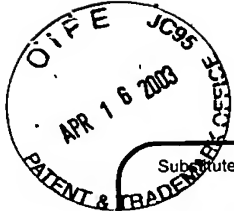
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Dated: 4-11-03

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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/051,912
Filing Date	January 17, 2002
First Named Inventor	SHEN ET AL.
Group Art Unit	2817
Examiner Name	LEE, B.
Attorney Docket Number	CL1259 US CNT1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)				
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FOREIGN PATENT DOCUMENTS

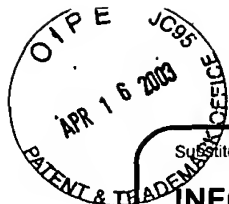
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		CountryCode ³	Number ⁴	Kind Code ⁵ (if known)				
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Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/051,912
				Filing Date	January 17, 2002
				First Named Inventor	Zhi-Yuan Shen
				Group Art Unit	2817
				Examiner Name	Benny T. Lee
				Attorney Docket Number	CL1259 US CNT 1
Sheet	2	of	2		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CHEN, High-temperature superconducting dual-spiral resonators and their application in filter miniaturization, Sputercond. Sci. Technol. 13 (2000) 368-372, Singapore	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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